

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003305**Date Inspected:** 18-Jul-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 2030**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 0**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	An Qingxiang	CWI Present:	Yes	No
Inspected CWI report:	Yes No N/A	Rod Oven in Use:	Yes No N/A	
Electrode to specification:	Yes No N/A	Weld Procedures Followed:	Yes No N/A	
Qualified Welders:	Yes No N/A	Verified Joint Fit-up:	Yes No N/A	
Approved Drawings:	Yes No N/A	Approved WPS:	Yes No N/A	
		Delayed / Cancelled:	Yes No N/A	

Bridge No: 34-0006**Component:** Tower skin plates**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance Inspector (QA) Steve Hall was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island, in Shanghai, China. QA observed and/or found the following:

Note: Due to ZPMC 14:00 ferry cancellation and Wusong public ferry delays, QA did not arrive to Changxing Island until 20:30 hrs.

Tower bay 1

QA performed 10% verification Ultrasonic Testing (UT) on the following tower skin plate welds: SSD1-SA179B/E-1A, SSD1-SA179D/E-13A, SSD1-SA179D/E-26A and SSD1-SA179D/E-31A. All welds that were scanned appeared to comply with AWS D1.5 2002 and the contract documents.

Summary of Conversations:

Only general conversations were held between QA and QC concerning this project.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Patrick Lowry (858)-344-2712, who represents the Office of Structural Materials for your project.

Inspected By: Hall,Steven

Quality Assurance Inspector

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Reviewed By: Cuellar,Robert

QA Reviewer